

HAER,
MINN,
27-MINAP
11-

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

Steel Arch Bridge (Hennepin Avenue Bridge)
Hennepin Avenue Spanning the West
Channel of the Mississippi River
Minneapolis
Hennepin County
Minnesota

HAER No. MN-18

Documentation: 35 photographs of bridge (1986)
8 photocopies of bridge plans (1886-1954)
34 data pages

Burt Levy, Photographer, November and December 1986

MN-18-1 WEST APPROACH WITH FIRST STREET

MN-18-2 WEST APPROACH

MN-18-3 VIEW FROM SOUTH

MN-18-4 EAST APPROACH WITH MAIN STREET

MN-18-5 EAST APPROACH WITH WEST ISLAND AVENUE

MN-18-6 VIEW FROM NORTHWEST

MN-18-7 WEST ABUTMENT, SOUTH SIDE

MN-18-8 CENTER PIER, SOUTHWEST SIDE

MN-18-9 STEEL ARCHES, SOUTH SIDE

MN-18-10 EAST ABUTMENT, SOUTH SIDE

MN-18-11 EAST ABUTMENT, NORTH SIDE

MN-18-12 STEEL ARCHES, NORTH SIDE

MN-18-13 CENTER PIER, NORTHWEST SIDE

MN-18-14 WEST ABUTMENT, NORTH SIDE

MN-18-15 ABUTMENT STONEMWORK DETAIL

MN-18-16 CROWN HINGE CONNECTION AT ARCH CROWN

- MN-18-17 CROWN HINGE DETAIL, SOUTH VIEW
- MN-18-18 CROWN HINGE DETAIL, NORTH VIEW
- MN-18-19 ARCH PANEL POINT CONNECTION DETAIL
- MN-18-20 VIEW FROM BOTTOM, ARCH PANEL POINT CONNECTION DETAIL
- MN-18-21 ARCH PANEL POINT CONNECTION DETAIL AT JOINT
- MN-18-22 ARCH PANEL POINT CONNECTION DETAIL AT INTERIOR
- MN-18-23 SPRING LINE HINGES AT CENTER PIER
- MN-18-24 SPRING LINE HINGE DETAIL
- MN-18-25 VIEW FROM BOTTOM, SPRING LINE HINGE DETAIL
- MN-18-26 BRIDGE SPANDRELS
- MN-18-27 BRIDGE SPANDREL DETAIL
- MN-18-28 LOWER BRACING DETAIL
- MN-18-29 LOWER BRACING CONNECTION DETAIL AT JOINT
- MN-18-30 FLOOR BEAM DETAIL AT CENTER BRIDGE
- MN-18-31 SOUTH RAILING
- MN-18-32 NORTH RAILING
- MN-18-33 OBSERVATION DECK AND RAILING DETAIL
- MN-18-34 BRIDGE DECK
- MN-18-35 BRIDGE DECK DETAIL
- MN-18-36 PHOTOCOPY OF W.P.A. PROJECT (MINNEAPOLIS CITY ENGINEER)
STRAIN SHEET (4 x 5 negative)
- MN-18-37 PHOTOCOPY OF ORIGINAL PLAN (MINNEAPOLIS CITY ENGINEER)
GENERAL DIAGRAM OF STEEL ARCH BRIDGE (4 x 5 negative)
- MN-18-38 PHOTOCOPY OF W.P.A. PROJECT (HENNEPIN COUNTY DEPARTMENT OF
TRANSPORTATION)
ELEVATION SPANS 1 & 2, TRANSVERSE SECTIONS (4 x 5 negative)
- MN-18-39 PHOTOCOPY OF W.P.A. PROJECT (MINNEAPOLIS CITY ENGINEER)
CAISSON FOR STEEL ARCH BRIDGE (4 x 5 negative)
- MN-18-40 PHOTOCOPY OF ORIGINAL PLAN (MINNEAPOLIS CITY ENGINEER)
PLAN OF SOUTH HALF CENTRE PIER, STEEL ARCH BRIDGE (4 x 5 negative)

- MN-18-41 PHOTOCOPY OF BLUE PRINT (MINNEAPOLIS CITY ENGINEER)
END AND CENTRE CASTINGS OF CAST STEEL, MASONRY CASTING OF CAST
IRON CASTINGS, FOR MINNEAPOLIS STEEL ARCH BRIDGE (4 x 5 negative)
- MN-18-42 PHOTOCOPY OF ORIGINAL PLAN (HENNEPIN COUNTY DEPARTMENT OF
TRANSPORTATION)
12 INTERMEDIATE ARCH SECTIONS FOR 2-258' (C. TO C. END PINS) STEEL
ARCH SPANS (4 x 5 negative)
- MN-18-43 PHOTOCOPY OF ORIGINAL PLAN (HENNEPIN COUNTY DEPARTMENT OF
TRANSPORTATION)
5" I-BEAM-LOK OPEN (TR TYPE) FLOORING PLAN, REFLOORING HENNEPIN
AVENUE BRIDGE (4 x 5 negative)